

High Performance Computing Software

JPL Internal Seminar Series



Modeling and Simulation – A Computing Perspective

Dr. Abhi Jain

Thursday, May 8, 2003

12:00 noon – 1:00 p.m.

Building 126, Room 225

Modeling and simulation plays a key role throughout technology development, maturation and validation as well as for flight system development and testing during mission life cycles. This talk will include a high-level overview of the current activities in this area and future directions - with special focus on computing issues.

The talk will also go into additional detail into the specific ongoing research in computational multibody dynamics, its application to modeling and simulation for space missions, as well as non-space applications to the area of large-scale molecular dynamics.

For questions, please contact Hans Zima at 4-8980.